

无中继型海底光缆

Unrepeated Submarine Optical Fiber Cable

HOUC-1系列/Series (芯数/core: 1-24)

产品用途

适用于超大容量、最大5000米水深深光传输系统,系统长度局限在500公里以下。

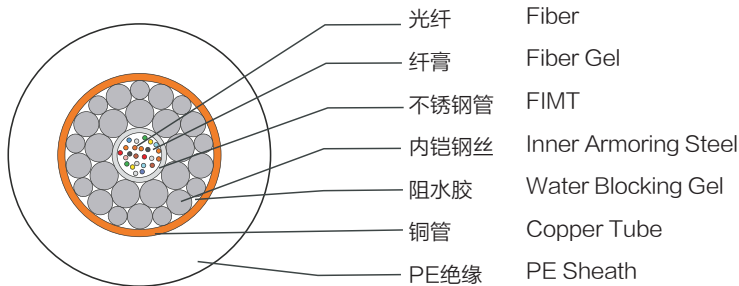
Usage

Suitable for large capacity, maximum 5000 meters water depth optical transmission system, normally the length of the system is limited under 500 kilometers.

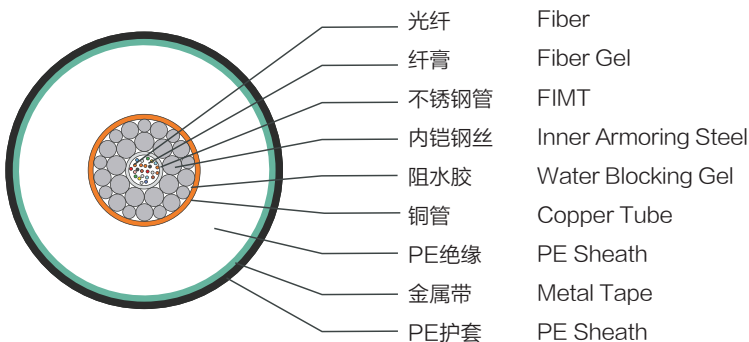
产品结构图

Product Structure Diagram

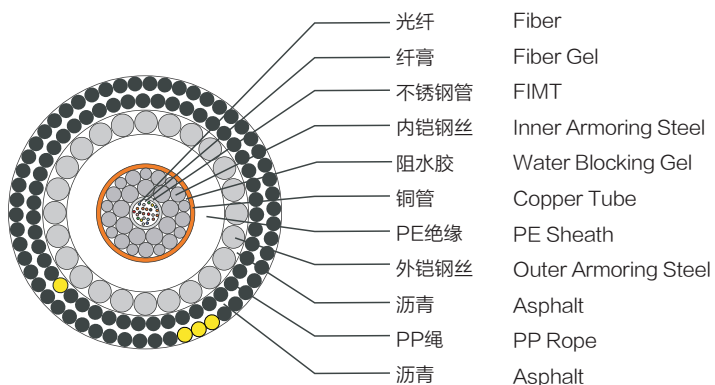
① 产品型号/Type: HOUC-1LW



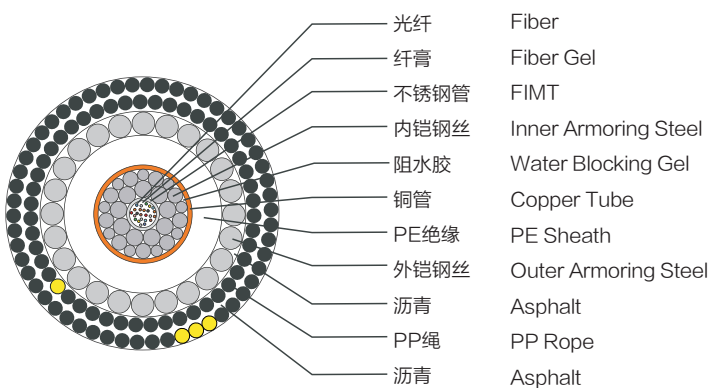
② 产品型号/Type: HOUC-1LWP



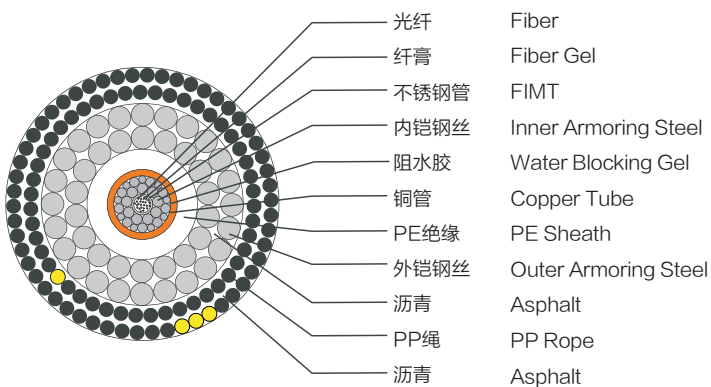
③ 产品型号/Type: HOUC-1 SAL



④ 产品型号/Type: HOUC-1 SA



⑤ 产品型号/Type: HOUC-1 DA



HOUC-2系列/Series (芯数/core: 1-96)

产品用途

适用于无中继系统、大容量、光传输系统，最大应用水深3000米。

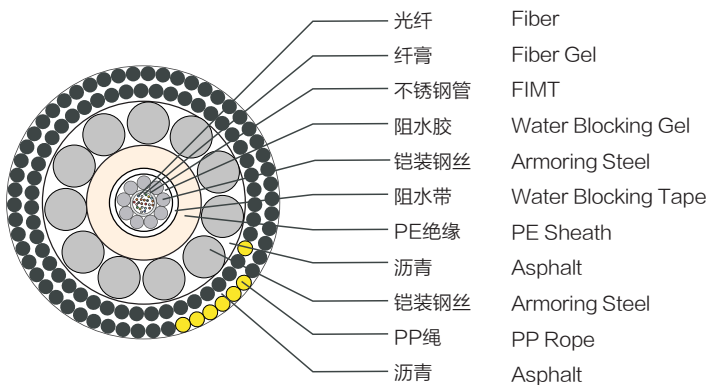
Usage

Suitable for unrepeateded 、 large capacity、 optical transmission system, maximum 3000 meters water depth.

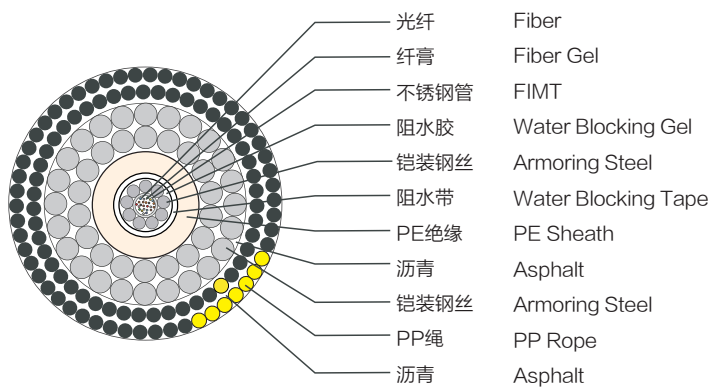
产品结构图

Product Structure Diagram

① 产品型号/Type: HOUC-2 SA



② 产品型号/Type: HOUC-2 DA



HOUC-3系列/Series (芯数/core: 1-96)

产品用途

适用于无中继系统、大容量、光传输系统，最大应用水深3000米。

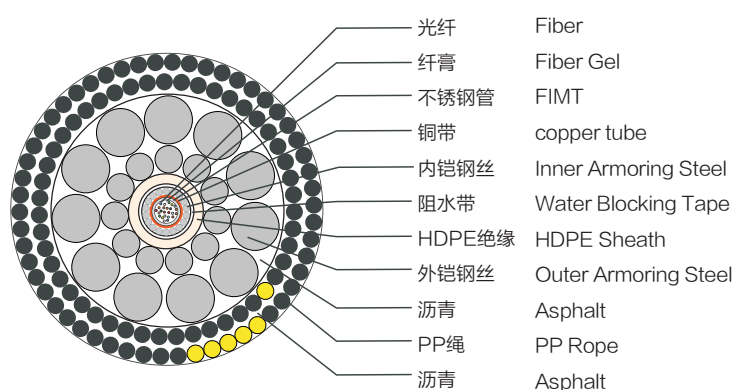
Usage

Suitable for unrepeateded、large capacity、optical transmission system, maximum 3000 meters water depth.

产品结构图

Product Structure Diagram

① 产品型号/Type: HOUC-3 DA



技术参数 Technical Parameters

型号 Type	标称 外径 Nominal OD(mm)	标称重量 Nominal Weight (kg/km)		缆断裂 拉伸负荷 CBL (kN)	标称短暂 拉伸负荷 NTTS (kN)	标称工作 拉伸负荷 NOTS (kN)	标称永久 拉伸负荷 NPTS (kN)	无张力最小 弯曲半径 No Load Min Bend Radius (m)	压扁 Crush (kN)	冲击 Impact (N.m)	工作 温度 Operating Temp. (°C)	存储 温度 Storage Temp. (°C)	直流 电阻 DC resistance (Ω/km)
		空气中 In air	海水中 In water										
HOUC-1 LW	13.6	444	295	65	50	30	20	0.5	15	60	-20 to +50	-30 to +60	<1.5
HOUC-1 LWP	18.1	617	353	65	50	30	20	0.5	15	60	-20 to +50	-30 to +60	<1.5
HOUC-1 SAL	24.6	1150	709	140	100	65	50	0.5	35	200	-20 to +50	-30 to +60	<1.5
HOUC-1 SA	26.2	1443	940	190	150	100	75	0.75	35	250	-20 to +50	-30 to +60	<1.5
HOUC-1 DA	31.6	2594	1850	340	240	160	120	0.75	40	300	-20 to +50	-30 to +60	<1.5
HOUC-2 SA	26.8	1600	1100	200	140	120	40	0.75	35	200	-20 to +50	-30 to +60	/
HOUC-2 DA	35.2	3700	2700	470	320	240	100	0.75	40	300	-20 to +50	-30 to +60	/
HOUC-3 DA	33.6	3400	2500	480	340	250	150	0.75	45	480	-20 to +50	-30 to +60	≤6